

## STIC Biotechnology Systems Branch

### RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/525,180  
Source: IFWP  
Date Processed by STIC: 1/16/07

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER: 10/525,180

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1        Wrapped Nucleics  
    Wrapped Aminos     The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
  
- 2        Invalid Line Length     The rules require that a line not exceed 72 characters in length. This includes white spaces.
  
- 3        Misaligned Amino  
    Numbering     The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
  
- 4        Non-ASCII     The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
  
- 5        Variable Length     Sequence(s)        contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
  
- 6        PatentIn 2.0  
    "bug"     A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)       . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
  
- 7        Skipped Sequences  
    (OLD RULES)     Sequence(s)        missing. If intentional, please insert the following lines for each skipped sequence:  
                          (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                          (i)     SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
                          (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                          This sequence is intentionally skipped  
                          Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
  
- 8        Skipped Sequences  
    (NEW RULES)     Sequence(s)        missing. If intentional, please insert the following lines for each skipped sequence.  
                          <210> sequence id number  
                          <400> sequence id number  
                          000
  
- 9        Use of n's or Xaa's  
    (NEW RULES)     Use of n's and/or Xaa's have been detected in the Sequence Listing.  
                          Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
                          In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
  
- 10        Invalid <213>  
    Response     Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. (see item 11 below)
  
- 11        Use of <220>     Sequence(s)        missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules
  
- 12        PatentIn 2.0  
    "bug"     Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
  
- 13        Misuse of n/Xaa     "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWP

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/525,180

DATE: 01/16/2007  
TIME: 15:08:55

Input Set : N:\SSLM\10525180.txt  
Output Set: N:\CRF4\01162007\J525180.raw

*Use English in  
a U.S. application*

W--> 1 SEQUENZPROTOKOLL SEQUENCE LISTING  
3 <110> APPLICANT: Charite Universitatsmedizin Berlin  
5 <120> TITLE OF INVENTION: Immunmarker zur Diagnostik and Therapie im Zusammenhang mit  
6 Transplantat-Reaktionen  
8 <130> FILE REFERENCE: P153902PC-La  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/525,180  
C--> 11 <141> CURRENT FILING DATE: 2005-02-22  
13 <150> PRIOR APPLICATION NUMBER: DE 102 38 922.5  
14 <151> PRIOR FILING DATE: 2002-08-22  
16 <160> NUMBER OF SEQ ID NOS: 8  
18 <170> SOFTWARE: Patentln Ver. 2.1

*see item 4 on Euro  
summary  
sheet*

*Does Not Comply  
Corrected Diskette Needed*

## ERRORED SEQUENCES

65 <210> SEQ ID NO: 4  
66 <211> LENGTH: 310  
67 <212> TYPE: DNA  
68 <213> ORGANISM: Rattus rattus  
70 <400> SEQUENCE: 4  
71 acattcatta ttaaagtga taatagaggt agaggtataa ataatatgaa ggggtgaggg 60  
72 aaccagttct acccggttg tttggaatgc ttaaattatg taattttaaat agataatctt 120  
E--> 73 tacttatgta ggtcttttgg aaata acttt ataaatttaa cacagaggac tactactaaa 180  
E--> 74 cgtgagaggt atgataatcg gcatggaagt tgggtggtt gaccaccaa gttcaattct 240  
E--> 75 taaagacatc ttaatcctga atataaaaat gcctttgtgg gtttagaatt agaattta 300  
E--> 76 tttggcattt 310  
122 <210> SEQ ID NO: 8  
123 <211> LENGTH: 313  
124 <212> TYPE: DNA  
125 <213> ORGANISM: Rattus rattus  
127 <400> SEQUENCE: 8  
128 aggctagggc tagttctgcg gaccctctcg gagagaggaa taaggttgaa ctgcctgtcc 60  
129 ggttctcctt cccctattcc cagatgcagg tggaagcctc cctctagtc tccccctaa 120  
130 ccgcgacgaa gaccttggt aacacttgct cctttgcac accatagaaa atgcagtgc 180  
131 gacaaacaca gctcgtcag gcgcttgagg agcgaagtcc aatctgggtc ggcacctgca 240  
132 ccaggtcttt gcgcacctgg tcagaagacc ggcaccaat agttgcttat taaactctac 300  
133 gtttgteccg aaa 313  
E--> 134 ①

*invalid  
nucleic  
acid  
designator*

*Delete*

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/525,180

DATE: 01/16/2007

TIME: 15:08:56

Input Set : N:\SSLM\10525180.txt

Output Set: N:\CRF4\01162007\J525180.raw

L:1 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION:  
L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:73 M:254 E: No. of Bases conflict, LENGTH:Input:180 Counted:181 SEQ:4  
L:73 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1  
M:254 Repeated in SeqNo=4  
L:76 M:252 E: No. of Seq. differs, <211> LENGTH:Input:310 Found:311 SEQ:4  
L:134 M:254 E: No. of Bases conflict, this line has no nucleotides.

10/525,180

3

SEQUENZPROTOKOLL

<110> Charite Universitätsmedizin Berlin

<120> Immunmarker zur Diagnostik and Therapie im Zusammenhang mit  
Tranplantat-Reaktionen

<130> P153902PC-La

<140> PCT/EP03/09355

<141> 2003-08-22

change  
to

<1507

<1517

these are prior application data